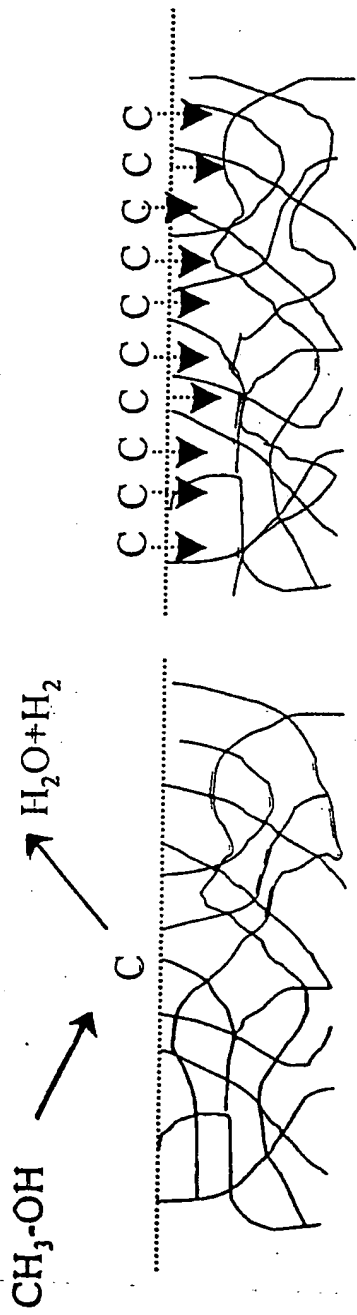
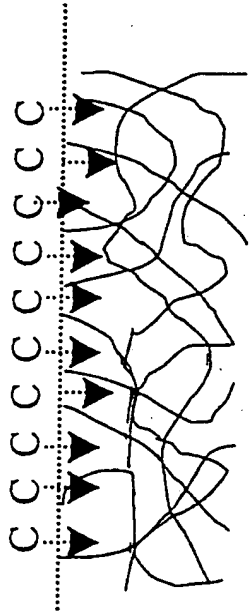


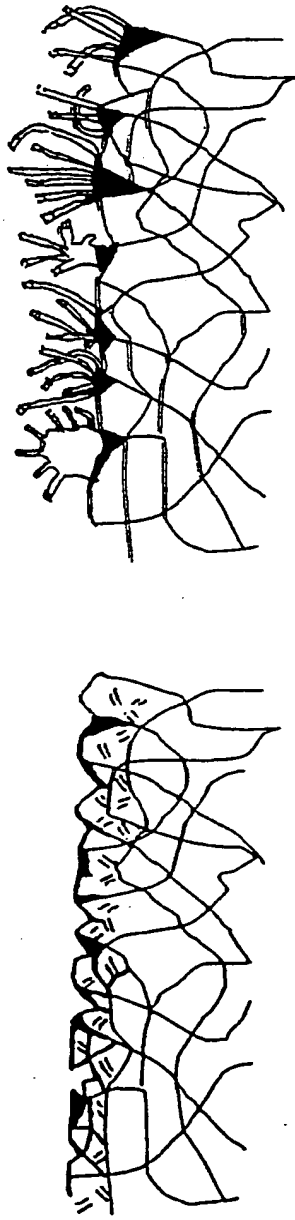
Fig. 1



(a) Carbon Deposition



(b) Carbon Diffusion



(c) Carbide Precipitation

(d) Filaments develop from the catalytic particles

Fig. 2



Fig. 3

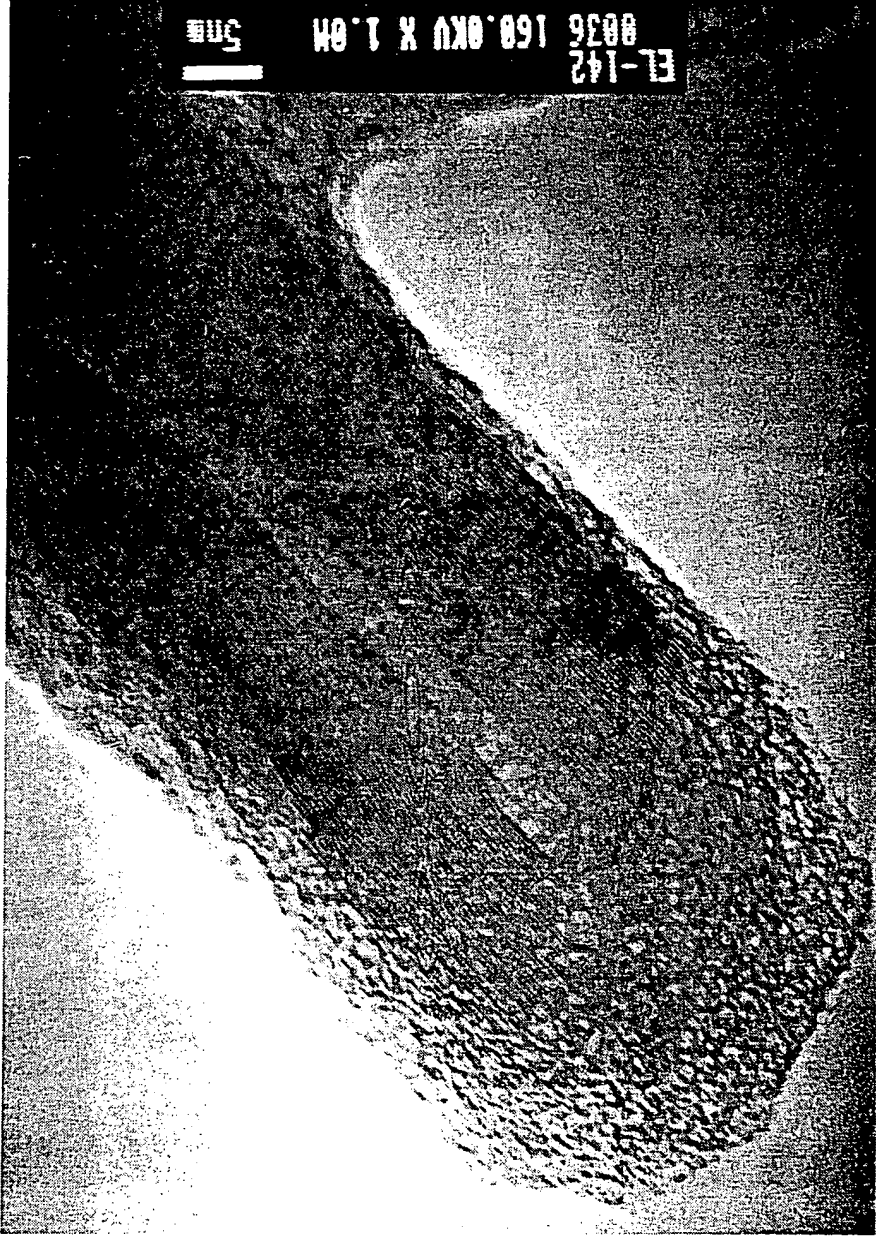


Fig. 4

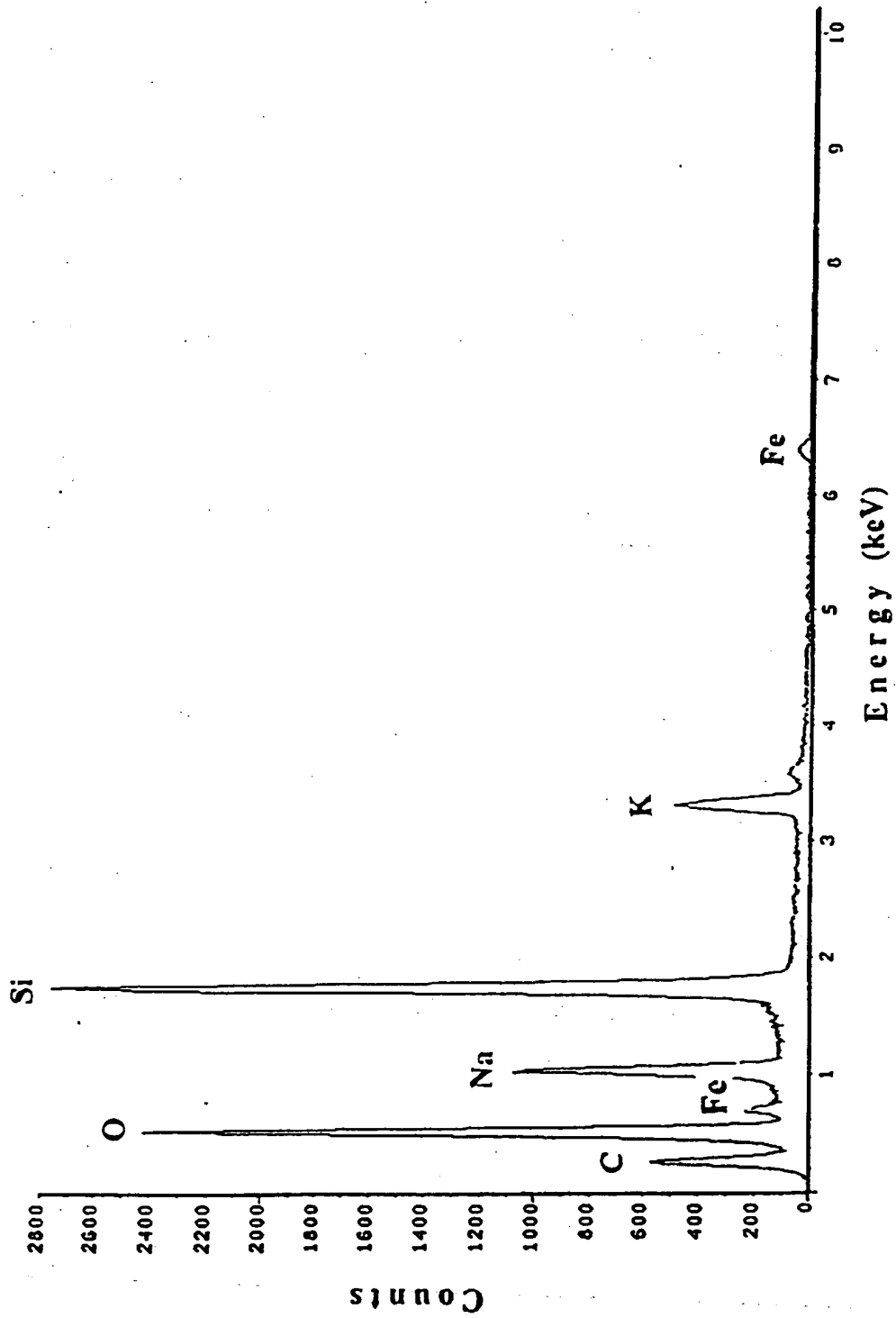


Fig. 5